

ETHYLENE TRIMERIZATION CATALYST AND METHOD FOR TRIMERIZING ETHYLENE BY USING THE CATALYST

Patent number: JP2003071294
Publication date: 2003-03-11
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Classification:
- **international:** B01J31/22; C07C2/32; C07C11/107
- **european:**
Application number: JP20010268826 20010905
Priority number(s):

Abstract of JP2003071294

PROBLEM TO BE SOLVED: To efficiently and highly selectively produce 1-hexene from ethylene.

SOLUTION: Use is made of a catalyst obtained by bringing a halogenated organic polymer and an alkyl metal compound into contact with a tripodal- neutral-ligand-coordinated chromium complex represented by $ACrB_n$ (wherein (n) is an integer of 1-3; A is a tripodal neutral polydentate ligand; Cr is a chromium atom; B is at least one member selected from the group consisting of hydrogen atom, a halogen atom, and a linear or branched alkyl).

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